

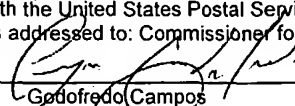
Please type a plus sign (+) inside this box → +

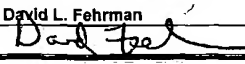
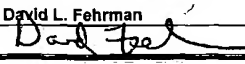
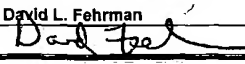
PTO/SB/05 (11-00)

Approved for use through 10/31/02. OMB 0651-0032

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|   |   |   |
|---|---|---|
| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b>   | <b>Attorney Docket No.</b> 514802002500     |   |
|   | <b>First Inventor</b> Masaki TAKAKUWA       |   |
|   | <b>Title</b>                                | ELECTRON BEAM EXPOSURE APPARATUS AND ELECTRON BEAM MEASUREMENT MODULE |
|   | <b>Express Mail Label No.</b> EV147810410US |   |
| <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>  |   |   |
| <b>CERTIFICATE OF MAILING BY "EXPRESS MAIL"</b>   |   |   |
| Express Mail Label No.: EV147810410US      Date of Deposit: July 21, 2003   |   |   |
| I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313. |   |   |
| <br>Godofredo Campos   |   |   |

|  |  |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
|--|--|-----------------------------------|------------------|-----------------------------------|----------------|-----------|---|---------|---------------|---------------------|--|--|--|---------|--|-------------------------------|--|--|--|------|-------------|-------|----|----------|-------|---------|----|-----------|----------------|-----|----------------|
| <b>APPLICATION ELEMENTS</b><br><small>See MPEP chapter 600 concerning utility patent application contents.</small>   | <b>ADDRESS TO:</b> Commissioner for Patents<br>Mail Stop Patent Application<br>P.O. Box 1450, Alexandria, VA 22313-1450  |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17)<br/><small>(Submit an original, and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status.<br/><small>See 37 CFR 1.27.</small></p> <p>3. <input checked="" type="checkbox"/> Specification (<b>Japanese text</b>)      [Total Pages <span style="border: 1px solid black; padding: 0 5px;">18</span> ]<br/><small>(preferred arrangement set forth below)</small><br/>- Descriptive title of the invention<br/>- Cross Reference to Related Applications<br/>- Statement Regarding Fed sponsored R &amp; D<br/>- Reference to sequence listing, a table, or a computer program listing appendix<br/>- Background of the invention<br/>- Brief Summary of the invention<br/>- Brief Description of the Drawings (if filed)<br/>- Detailed Description<br/>- Claim(s)<br/>- Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113)      [Total Sheets <span style="border: 1px solid black; padding: 0 5px;">4</span> ]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration      [Total Pages <span style="border: 1px solid black; padding: 0 5px;">3</span> ]</p> <p style="margin-left: 20px;">a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p style="margin-left: 20px;">b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/><small>(for continuation/divisional with Box 18 completed)</small></p> <p style="margin-left: 40px;"><input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/><small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</small></p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br/><small>(if applicable, all necessary)</small></p> <p style="margin-left: 20px;">a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p style="margin-left: 20px;">b. Specification Sequence Listing on:<br/>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or<br/>ii. <input type="checkbox"/> paper</p> <p style="margin-left: 20px;">c. <input type="checkbox"/> Statements verifying identity of above copies</p> |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <b>ACCOMPANYING APPLICATION PARTS</b>  |  |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (where there is an assignee)      <input type="checkbox"/> Power of Attorney By Assignee</p> <p>11. <input type="checkbox"/> English Translation document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449      <input checked="" type="checkbox"/> Copies of IDS Citation(s): 2</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br/><small>Should be specifically itemized</small></p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document<br/><small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other</p>   |  |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <p>18. If a <b>CONTINUING APPLICATION</b>, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p style="text-align: center;"><input type="checkbox"/> Continuation      <input type="checkbox"/> Divisional      <input type="checkbox"/> Continuation-in-part (CIP)      of prior application No: *</p> <p>Prior application information:      Examiner: *      Group / Art Unit: *</p> <p><small>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</small></p>   |  |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <p style="text-align: center;"><b>19. CORRESPONDENCE ADDRESS</b></p> <p><input checked="" type="checkbox"/> Customer Number or Bar Code Label      or      <input type="checkbox"/> Correspondence address below</p> <div style="border: 1px solid black; width: 300px; height: 80px; margin: 10px auto; text-align: center; font-size: 24px; line-height: 80px;">25224</div> <p style="text-align: center; font-size: 10px;"><small>(Insert Customer No. or Attach bar code label here)</small></p>   |  |                                   |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">Name</td><td colspan="4">David L. Fehrman</td></tr><tr><td colspan="2">Address</td><td colspan="4">Morrison &amp; Foerster</td></tr><tr><td colspan="2">Address</td><td colspan="4">555 W. 5th Street, 35th Floor</td></tr><tr><td>City</td><td>Los Angeles</td><td>State</td><td>CA</td><td>Zip Code</td><td>90013</td></tr><tr><td>Country</td><td>US</td><td>Telephone</td><td>(213) 892-5601</td><td>Fax</td><td>(213) 892-5454</td></tr></table>  |  | Name                              |                  | David L. Fehrman                  |                |           |   | Address |               | Morrison & Foerster |  |  |  | Address |  | 555 W. 5th Street, 35th Floor |  |  |  | City | Los Angeles | State | CA | Zip Code | 90013 | Country | US | Telephone | (213) 892-5601 | Fax | (213) 892-5454 |
| Name   |  | David L. Fehrman                  |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| Address  |  | Morrison & Foerster               |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| Address  |  | 555 W. 5th Street, 35th Floor     |                  |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| City   | Los Angeles  | State                             | CA               | Zip Code                          | 90013          |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| Country  | US   | Telephone                         | (213) 892-5601   | Fax                               | (213) 892-5454 |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td>Name (Print/Type)</td><td>David L. Fehrman</td><td>Registration No. (Attorney/Agent)</td><td>28,600</td></tr><tr><td>Signature</td><td></td><td>Date</td><td>July 21, 2003</td></tr></table>  |  | Name (Print/Type)                 | David L. Fehrman | Registration No. (Attorney/Agent) | 28,600         | Signature |  | Date    | July 21, 2003 |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| Name (Print/Type)  | David L. Fehrman   | Registration No. (Attorney/Agent) | 28,600           |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |
| Signature  |   | Date                              | July 21, 2003    |                                   |                |           |   |         |               |                     |  |  |  |         |  |                               |  |  |  |      |             |       |    |          |       |         |    |           |                |     |                |

la-669670

# FEE TRANSMITTAL FOR FY 2003

Patent fees are subject to annual revision.

☐ Applicant Claims Small Entity Status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)790.00

## Complete if Known

Application Number Not yet assigned

Filing Date Concurrently herewith

First Named Inventor Masaki TAKAKUWA

Examiner Name Not yet assigned

Group Art Unit Not yet assigned

Attorney Docket No. 514802002500

## METHOD OF PAYMENT

☐ Check ☐ Credit Card ☐ Money Order ☐ OtherDeposit  
Account  
Number  
03-1952Deposit  
Account  
Name  
Morrison & Foerster LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) required Under 37 CFR 1.16 and 1.17☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large    | Entity   | Small    | Entity   | Fee Description        | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee (\$) | Fee (\$) |                        |          |
| 1001     | 750      | 2001     | 375      | Utility filing fee     | 750      |
| 1002     | 330      | 2002     | 160      | Design filing fee      |          |
| 1003     | 520      | 2003     | 260      | Plant filing fee       |          |
| 1004     | 750      | 2004     | 375      | Reissue filing fee     |          |
| 1005     | 160      | 2005     | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$)750.00

## 2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
| 13           | 0                  |                    | 20           | 18             | \$0      |
|              | 3                  |                    | 0            | 84             | \$0      |
|              |                    |                    |              |                | \$       |

| Large    | Entity   | Small    | Entity   | Fee Description   | Fee Paid |
|----------|----------|----------|----------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |   |          |
| 1202     | 18       | 2202     | 9        | Claims in excess of 20                                    |          |
| 1201     | 84       | 2201     | 42       | Independent claims in excess of 3                         |          |
| 1203     | 260      | 2203     | 140      | Multiple dependent claims, if not paid                    |          |
| 1204     | 84       | 2204     | 42       | **Reissue independent claims over original patent         |          |
| 1205     | 18       | 2205     | 9        | **Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$)0

\*\* or number previously paid, if greater; For Reissues, see above.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large    | Entity   | Small    | Entity   | Fee Description  | Fee Paid |
|----------|----------|----------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |  |          |
| 1051     | 130      | 2051     | 65       | Surcharge - late filing fee or oath  |          |
| 1804     | 920*     | 1804     | 920*     | Requesting publication of SIR prior to Examiner action                       |          |
| 1805     | 1,840*   | 1805     | 1,840*   | Requesting publication of SIR after Examiner action                          |          |
| 1251     | 110      | 2251     | 55       | Extension for reply within first month                                       |          |
| 1252     | 410      | 2252     | 205      | Extension for reply within second month                                      |          |
| 1253     | 930      | 2253     | 465      | Extension for reply within third month                                       |          |
| 1254     | 1,450    | 2254     | 725      | Extension for reply within fourth month                                      |          |
| 1255     | 1,970    | 2255     | 985      | Extension for reply within fifth month                                       |          |
| 1401     | 320      | 2401     | 160      | Notice of Appeal   |          |
| 1402     | 320      | 2402     | 160      | Filing a brief in support of an appeal                                       |          |
| 1403     | 280      | 2403     | 140      | Request for oral hearing   |          |
| 1451     | 1,510    | 1451     | 1,510    | Petition to institute a public use proceeding                                |          |
| 1452     | 110      | 2452     | 55       | Petition to revive - unavoidable   |          |
| 1453     | 1,300    | 2453     | 650      | Petition to revive - unintentional   |          |
| 1501     | 1,300    | 2501     | 650      | Utility issue fee (or reissue)   |          |
| 1502     | 470      | 2502     | 235      | Design issue fee   |          |
| 1503     | 630      | 2503     | 315      | Plant issue fee  |          |
| 1460     | 130      | 1460     | 130      | Petitions to the Commissioner  |          |
| 1807     | 50       | 1807     | 50       | Petitions related to provisional applications                                |          |
| 1806     | 180      | 1806     | 180      | Submission of Information Disclosure Stmt                                    |          |
| 8021     | 40       | 8021     | 40       | Recording each patent assignment per properties (times number of properties) | 40       |
| 1809     | 750      | 2809     | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))                |          |
| 1810     | 750      | 2810     | 375      | For each additional invention to be examined (37 CFR § 1.129(b))             |          |
| 1801     | 750      | 2801     | 375      | Request for Continued Examination (RCE)                                      |          |
| 1802     | 900      | 1802     | 900      | Request for expedited examination of a design application                    |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)40.00

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type) David L. Fehrman

Registration No.  
(Attorney/Agent)

28,600

Telephone (213) 892-5601

Signature

Date July 21, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

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